



US Army Corps  
of Engineers  
Seattle District



WASHINGTON STATE  
DEPARTMENT OF  
E C O L O G Y

# Joint Public Notice

## Application for a Department of the Army Permit and a Washington Department of Ecology Water Quality Certification

### US Army Corps of Engineers

Regulatory Branch  
Post Office Box 3755  
Seattle, WA 98124-3755  
Telephone: (206) 316-3049  
ATTN: Mr. Evan Carnes,  
Project Manager

### WA Department of Ecology

SEA Program  
Post Office Box 47600  
Olympia, WA 98504-7600  
Telephone: (360) 407-6076  
ATTN: SEA Program,  
Federal Permit Coordinator

**Public Notice Date:** September 24, 2020

**Expiration Date:** October 24, 2020

**Reference No.:** NWS-2020-635

**Name:** Terrell, Rick (Rivershore Drive  
Marina Maintenance Dredge)

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Interested parties are hereby notified that the U.S. Army Corps of Engineers (Corps) and the Washington Department of Ecology (Ecology) have received an application to perform work in waters of the U.S. as described below and shown on the enclosed revised drawings dated September 23, 2020.

The Corps will review the work in accordance with Section 404 of the Clean Water Act (CWA) and Section 10 of the Rivers and Harbors Act. Ecology will review the work pursuant to Section 401 of the CWA, with applicable provisions of State water pollution control laws.

**APPLICANT:** Mr. Rick Terrell  
14807 Southeast Rivershore Drive  
Vancouver, Washington 98683  
Telephone: (360) 910-2089

**AGENT:** Flowing Solutions  
Attention: Mr. Andrew Jansky  
3305 Southwest 87<sup>th</sup> Avenue  
Portland, Oregon 97225  
Telephone: (503) 297-6311

**LOCATION:** In the Columbia River at approximately river mile 114, near 14807 Southeast Rivershore Drive, at Vancouver, Washington.

**WORK:** The applicant proposes to dredge up to 32,500 cubic yards of accreted sediment from the Rivershore Drive joint-use private marina. Up to 22,500 cubic yards of sediment would be dredged initially, and up to an additional 10,000 cubic yards over a 10-year period. The proposed dredging would maintain a navigation width from the existing dock to the base of the dredge prism of 50 to 70 feet with two 60-foot wide access channels to the main river channel. The proposed dredging would target a depth of -12-feet Columbia River Datum. Dredging would occur via hydraulic suction dredge or clamshell dredge from a barge-mounted crane. Dredged material would be disposed in the flow lane of the Columbia River or discharged as beach nourishment adjacent to the dredge area. Discharge of dredged material location depends on river capacity and sediment characterization. Should flow lane disposal occur, dredged material would be transported by barge and disposed via clamshell or

**NWS-2020-635; Terrell, Rick (Rivershore Drive Marina Maintenance Dredge)**

split-hull barge. Should beach nourishment occur, an outlet pipe would be directed to within a temporarily bermed dewatering area. After material is dewatered it would be graded to a uniform beach slope with an estimated maximum fill of four feet.

PURPOSE: Dredge to maintain vessel access and navigation.

DREDGED MATERIAL MANAGEMENT PROGRAM (DMMP):

Dredged Material Testing: The applicant has chosen not to complete the testing before this Public Notice was published. Prior to completing our review, the proposed dredged material must be tested according to the procedures specified by the Dredged Material Management Program (DMMP). The DMMP evaluation may include both chemical and biological testing of sediments. For this project, the DMMP agencies will determine whether the dredged material is suitable for disposal at a DMMP open-water disposal site or must be disposed of at an upland location. The sediment testing data will be available at the Corps, Seattle District, Dredged Material Management Office.

Disposal Site Use Conditions: The following standard site-use conditions will be specified by the Corps and the Washington Department of Natural Resources as part of the Federal/State permitting processes if a permit is issued: (1) disposal operations must not interfere with Indian treaty fishing at the disposal site, including gill nets and other fishing gear; (2) the permittee must coordinate any nighttime disposal with the Corps, Seattle District, Regulatory Branch Project Manager; and (3) approval must be received from the District Engineer prior to conducting nighttime disposal. Other appropriate special conditions may be added as a result of comments received during the public review period for this public notice.

ADDITIONAL INFORMATION: The applicant has requested the material be dredged over a 10-year period. The location of the ordinary high water mark on the project drawings has not yet been verified by the Corps. If the Corps determines the boundaries of the waters are substantially inaccurate a new public notice may be published.

MITIGATION: No compensatory mitigation is proposed.

ENDANGERED SPECIES: The Endangered Species Act (ESA) requires federal agencies to consult with the National Marine Fisheries Service (NMFS) and/or U.S. Fish and Wildlife Service (USFWS) pursuant to Section 7 of the ESA on all actions that may affect a species listed (or proposed for listing) under the ESA as threatened or endangered or any designated critical habitat. After receipt of comments from this public notice, the Corps will evaluate the potential impacts to proposed and/or listed species and their designated critical habitat.

ESSENTIAL FISH HABITAT: The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996, requires all Federal agencies to consult with the NMFS on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The proposed action would impact EFH in the project area.

If the Corps determines that the proposed action may adversely affect EFH for federally managed fisheries in Washington waters, the Corps will initiate EFH consultation with the NMFS. The Corps' final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

CULTURAL RESOURCES: The Corps has reviewed the latest published version of the National Register of Historic Places, Washington Information System for Architectural and Archaeological Records Data and other sources of information. Historic properties are recorded near the proposed project in the uplands. However, they do not occur in the permit area. The nature of the work to be permitted (dredging in an active river channel) is such

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that there is little likelihood that a historic property exists or may be affected. The Corps invites responses to this public notice from Native American Tribes or tribal governments; Federal, State, and local agencies; historical and archeological societies; and other parties likely to have knowledge of or concerns regarding historic properties and sites of religious and cultural significance at or near the project area. After receipt of comments from this public notice, the Corps will evaluate potential impacts and consult with the State Historic Preservation Officer and Native American Tribes in accordance with Section 106 of the National Historic Preservation Act, as appropriate.

**PUBLIC HEARING:** Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

**EVALUATION – CORPS:** The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people.

The Corps is soliciting comments from the public; Native American Nations or tribal governments; Federal, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for the work. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

The described discharge will be evaluated for compliance with guidelines promulgated by the Environmental Protection Agency under authority of Section 404(b)(1) of the CWA. These guidelines require an alternatives analysis for any proposed discharge of dredged or fill material into waters of the United States.

**EVALUATION – ECOLOGY:** Ecology is soliciting comments from the public; Federal, Native American Nations or tribal governments, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Ecology will be considering all comments to determine whether to certify or deny a Section 401 Water Quality Certification for the proposed project.

**ADDITIONAL EVALUATION:** The proposed activity may be exempt from the requirement of obtaining a Shorelines Substantial Development permit.

**COMMENT AND REVIEW PERIOD:** Conventional mail or e-mail comments on this public notice will be accepted and made part of the record and will be considered in determining whether authorizing the work would not be contrary to the public interest. In order to be accepted, e-mail comments must originate from the author's e-mail account and must include on the subject line of the e-mail message the permit applicant's name and reference number as shown below. Either conventional mail or e-mail comments must include the permit applicant's name and reference number, as shown below, and the commenter's name, address, and phone number. All comments whether conventional mail or e-mail must reach this office, no later than the expiration date of this public notice to ensure consideration.

**NWS-2020-635; Terrell, Rick (Rivershore Drive Marina Maintenance Dredge)**

CORPS COMMENTS: All e-mail comments should be sent to [evan.g.carnes@usace.army.mil](mailto:evan.g.carnes@usace.army.mil). Conventional mail comments should be sent to: U.S. Army Corps of Engineers, Regulatory Branch, Attention: Evan G. Carnes, P.O. Box 3755, Seattle, Washington 98124-3755. All comments received will become part of the administrative record and are subject to public release under the Freedom of Information Act including any personally identifiable information such as names, phone numbers, and addresses.

ECOLOGY COMMENTS: Any person desiring to present views on the project pertaining to a request for water quality certification under Section 401 of the CWA may do so by submitting written comments to the following address: Washington State Department of Ecology, Attention: Federal Permit Coordinator, Post Office Box 47600, Olympia, Washington 98504-7600, or e-mail to [ecyrefedpermits@ecy.wa.gov](mailto:ecyrefedpermits@ecy.wa.gov).

To ensure proper consideration of all comments, responders must include the following name and reference number in the text of their comments: NWS-2020-635; Terrell, Rick

Encl: Figures (9)



**STATE MAP**  
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**STATE MAP**

1. Cover-Locator
2. Existing Survey
3. Proposed DMMU
4. Sections (A)
5. Sections (B)
6. Section (Typical)
7. Disposal Area
8. Beach Nourishment
9. Beach Nourishment Section



**VICINITY MAP**  
nts



**LOCATOR MAP**  
nts

Project Lat/Long: 45.591467°, -122.521991°  
Section 34, Township 2S, Range 4E

**Flowing solutions**



Flowing Solutions  
3305 SW 87th Avenue  
Portland, OR 97225  
Phone (503) 297-6311

SHEET TITLE: COVER AND LOCATOR

PROJECT: RIVERSHORE DRIVE MARINA  
14707 SE RIVERSHORE DR.  
VANCOUVER, WA

RIVER/MILE: COLUMBIA RIVER, RM 114.3

DATUM: CRD

DATE:

8/31/2020

SHEET NO.

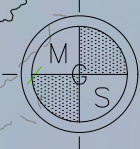
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HYDRO DATA: 3-29-2020



NOTES:

- 1) HORIZONTAL DATUM: NAD 83(2011)(EPOCH 2010.000), WASHINGTON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, US SURVEY FEET.
- 2) VERTICAL DATUM: COLUMBIA RIVER DATUM.
- 3) VERTICAL DATUM CONVERSION; NAVD 88(GEOD 12A) ELEVATION ESTABLISHED ON-SITE USING A TRIMBLE R10 RECEIVER OPERATING IN A REAL TIME KINEMATIC (RTK) MODE RECEIVING CORRECTIONS FROM THE WASHINGTON STATE REFERENCE NETWORK (WSRN). DATA WAS CONVERTED TO COLUMBIA RIVER DATUM USING USACE PORTLAND DISTRICT CONVERSION TABLES FOR COLUMBIA RIVER. PER SAID TABLE, AT RIVER MILE 114.2 COLUMBIA RIVER DATUM IS 6.20' LOWER THAN NAVD 88(GEOD 12A). 0' CRD = 6.20' NAVD88 CONTOURS SHOWN HEREIN ARE COLUMBIA RIVER DATUM.
- 4) HYDROGRAPHIC SURVEY DATA PROVIDED BY MEYER HYDROGRAPHIC. CONTOURS ARE REPRESENTATIVE OF THE CONDITION OF THE BOTTOM AT THE TIME OF THE SURVEY. THE CONDITION OF THE BOTTOM MAY CHANGE AT ANY TIME AFTER THE DATE OF THIS SURVEY. SURVEY DATE, MARCH 29, 2020.



MINISTER-GLAESER  
SURVEYING INC.  
2200 E. EVERGREEN BLVD.  
VANCOUVER, WA 98661  
(360) 694-3313



SCALE 1"=100'

Flowing solutions



Flowing Solutions  
3305 SW 87th Avenue  
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Phone (503) 297-6311

SHEET TITLE: EXISTING SURVEY (BY MINISTER GLAESER)

PROJECT: RIVERSHORE DRIVE MARINA  
14707 SE RIVERSHORE DR.  
VANCOUVER, WA

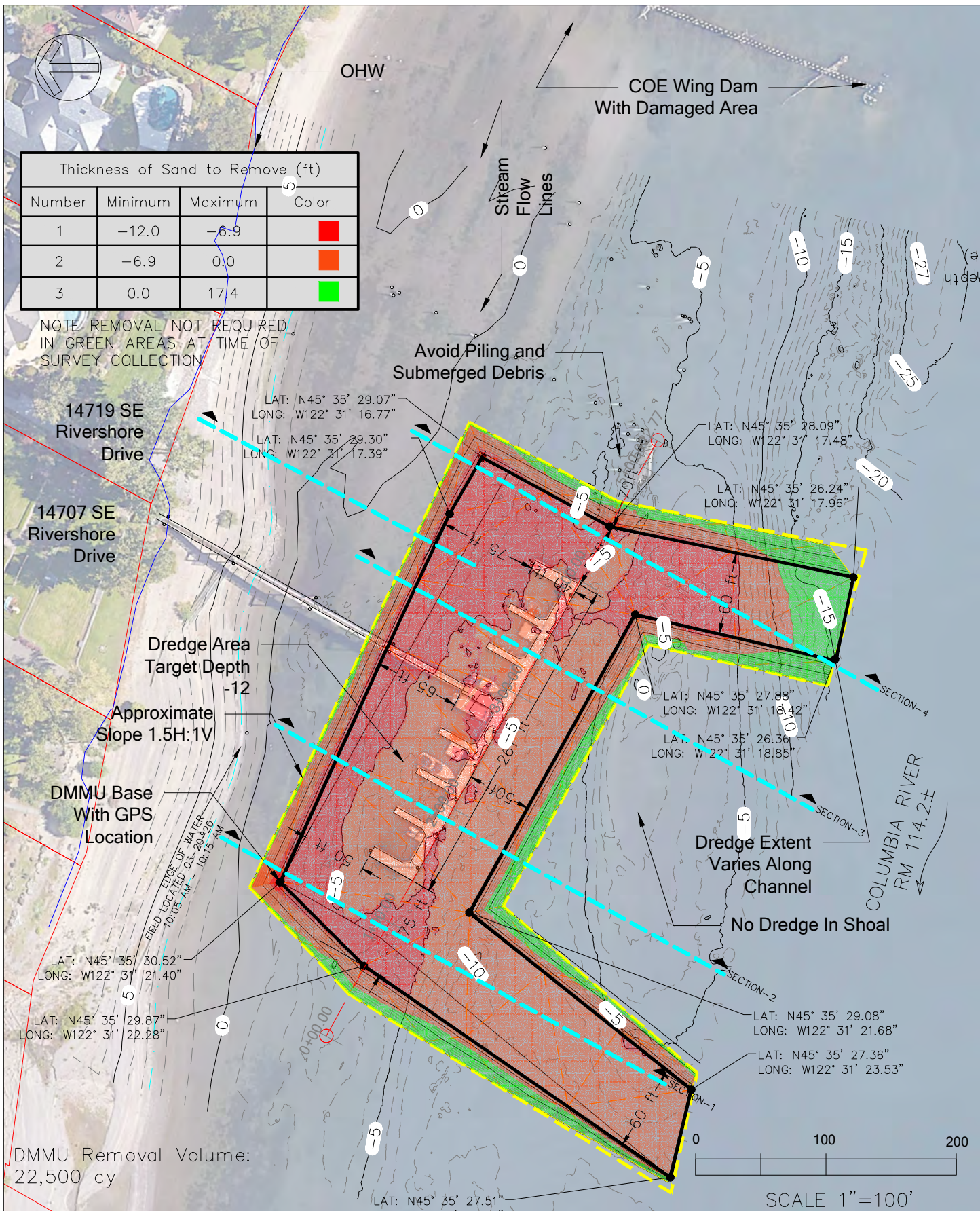
RIVER/MILE: COLUMBIA RIVER, RM 114.3

DATUM: CRD

DATE:

SHEET NO.

2



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SHEET TITLE: PROPOSED DMMU

PROJECT: RIVERSHORE DRIVE MARINA  
14707 SE RIVERSHORE DR.  
VANCOUVER, WA

RIVER/MILE: COLUMBIA RIVER, RM 114.3

DATUM: CRD

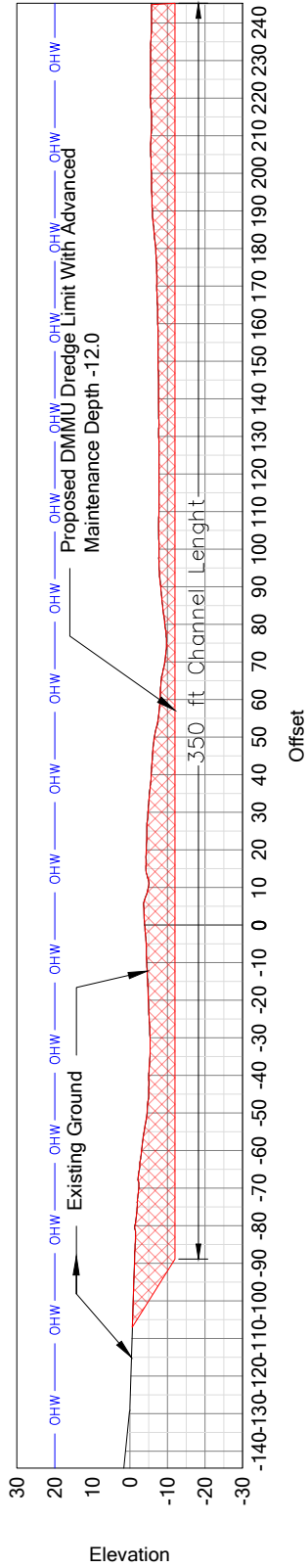
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SHEET NO.

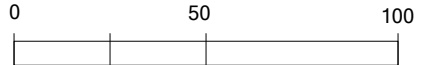
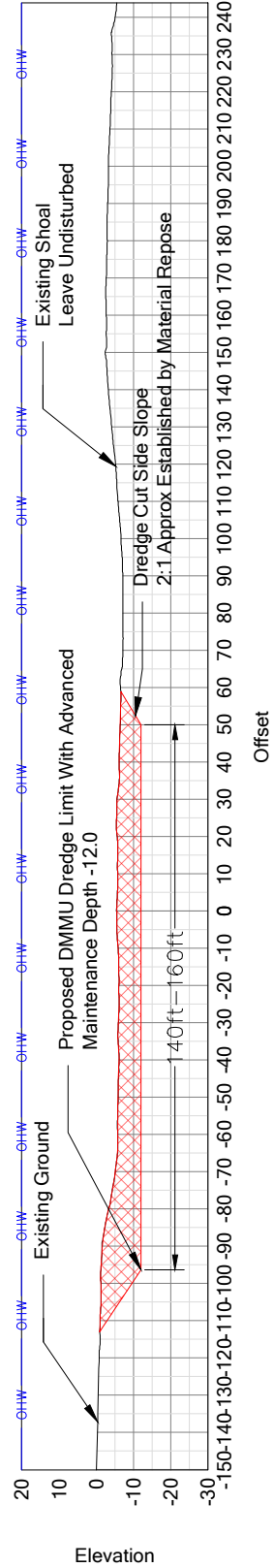
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Section-1 - 0+94.06



Section-2 - 1+89.70



SCALE 1"=50'

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SHEET TITLE: DMMU SECTIONS (A)

PROJECT: RIVERSHORE DRIVE MARINA  
14707 SE RIVERSHORE DR.  
VANCOUVER, WA

RIVER/MILE: COLUMBIA RIVER, RM 114.3

DATUM: CRD

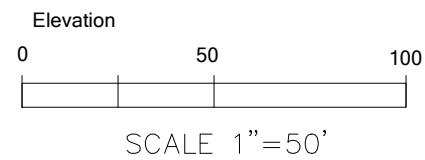
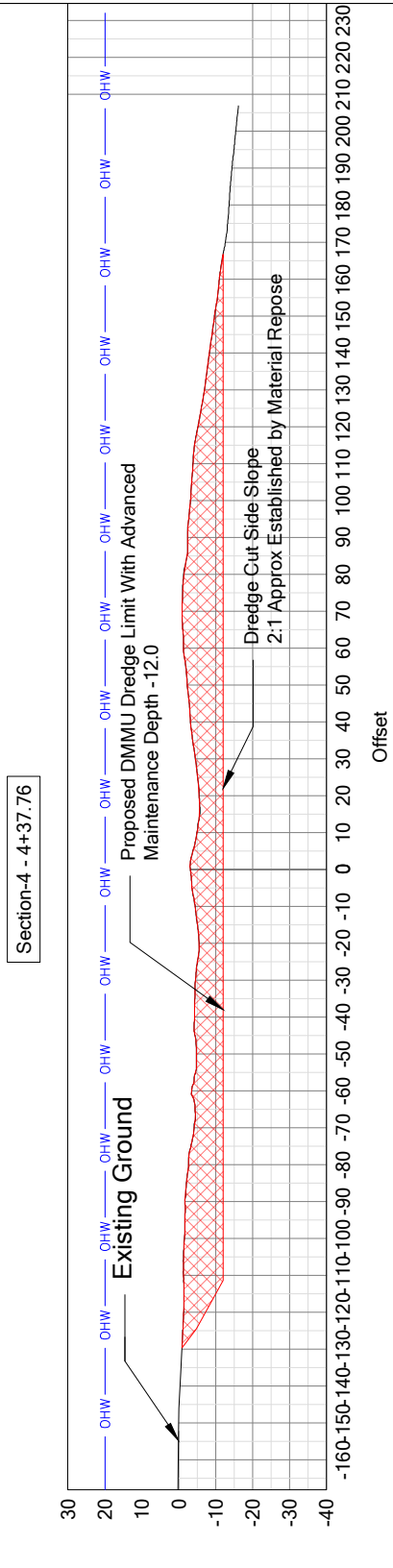
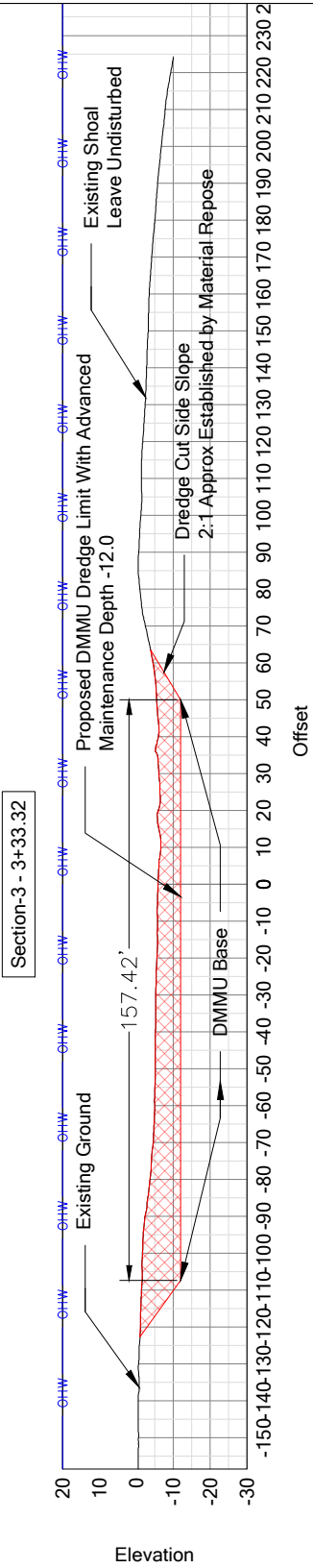
DATE:

SHEET NO.

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SHEET TITLE: DMMU SECTIONS (B)

PROJECT: RIVERSHORE DRIVE MARINA  
14707 SE RIVERSHORE DR.  
VANCOUVER, WA

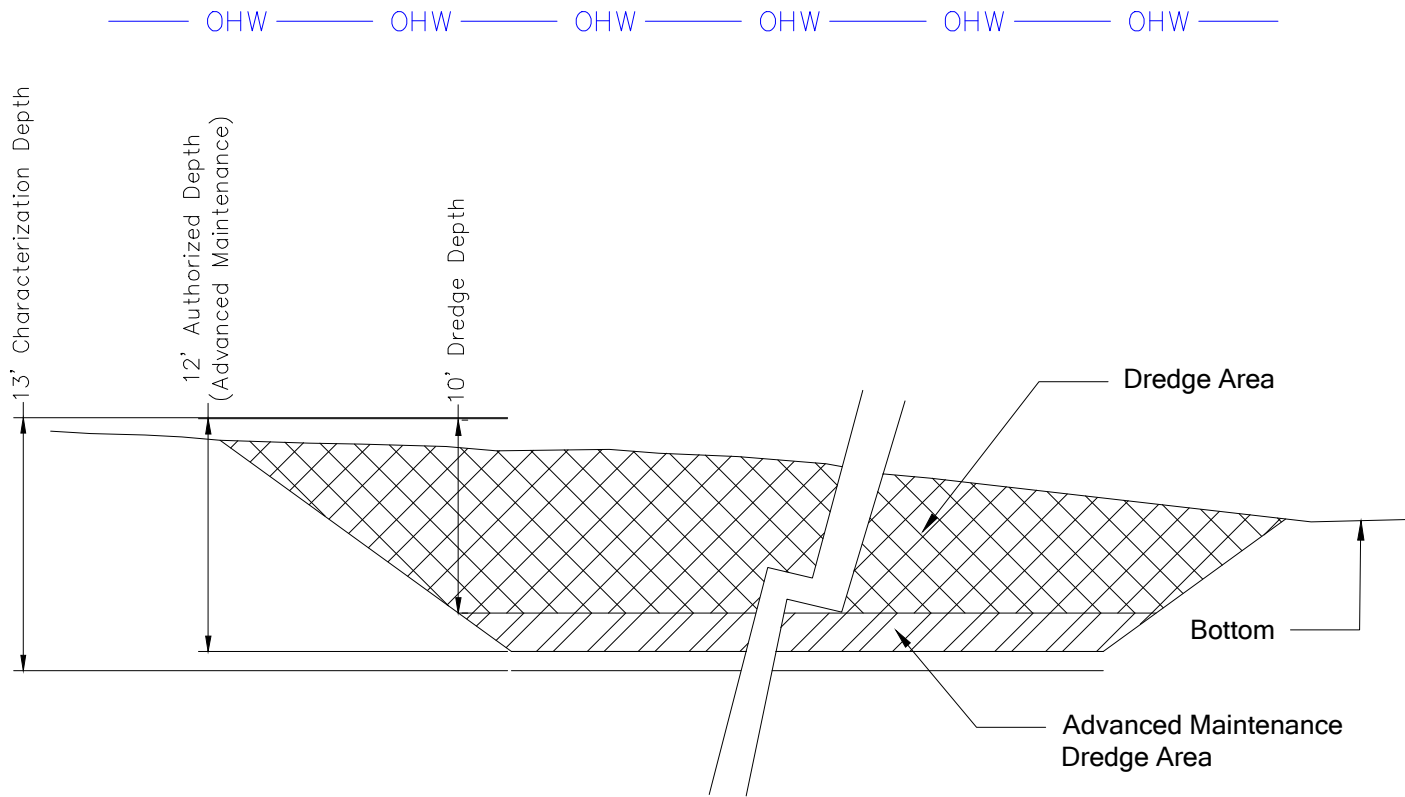
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DATUM: CRD

DATE:

SHEET NO.

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TYPICAL DREDGE SECTION  
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Phone (503) 297-6311

SHEET TITLE: SECTION (TYPCIAL)

PROJECT: RIVERSHORE DRIVE MARINA  
14707 SE RIVERSHORE DR.  
VANCOUVER, WA

RIVER/MILE: COLUMBIA RIVER, RM 114.3

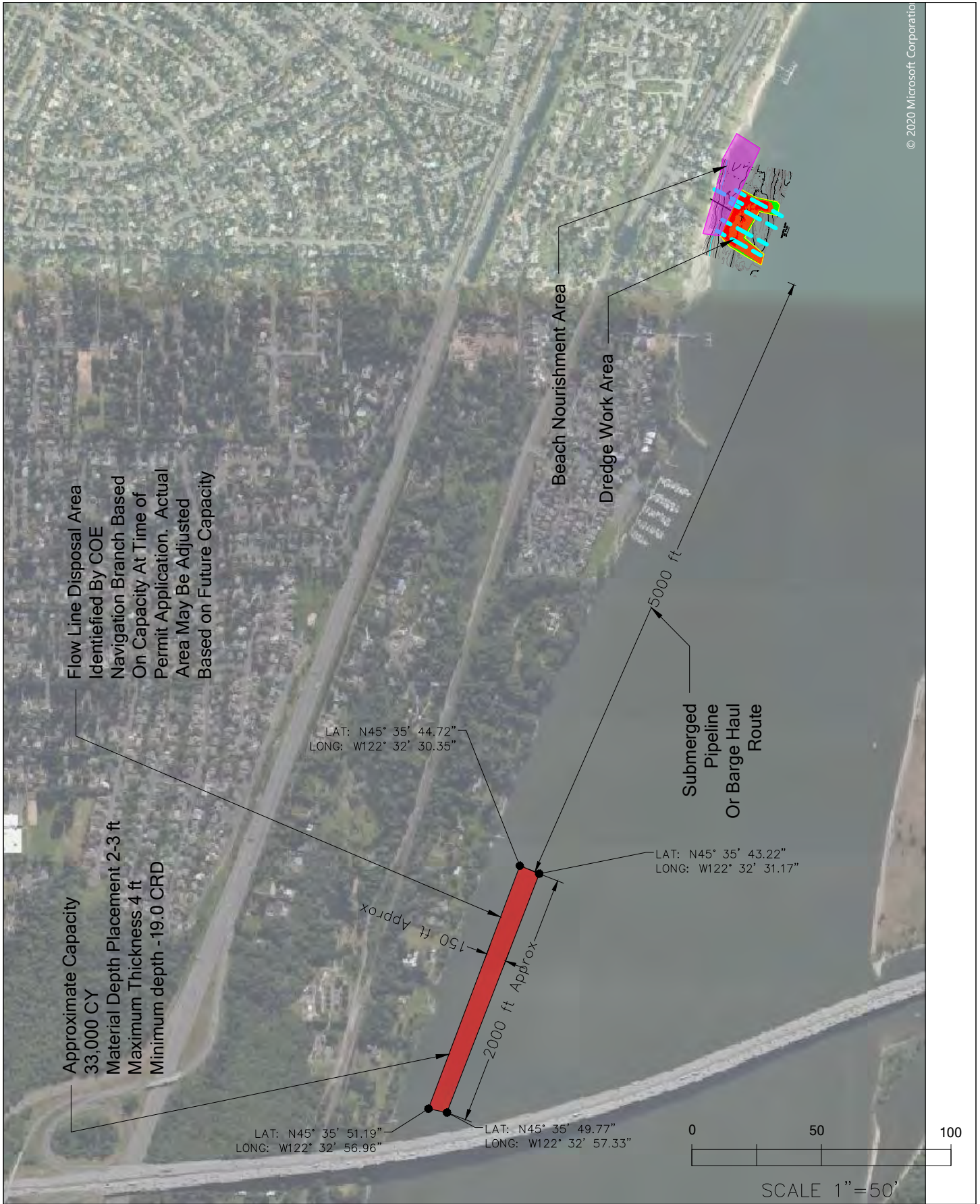
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DATE:

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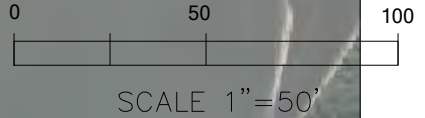


Flow Line Disposal Area Identified By COE Navigation Branch Based On Capacity At Time of Permit Application. Actual Area May Be Adjusted Based on Future Capacity

Approximate Capacity 33,000 CY  
 Material Depth Placement 2-3 ft  
 Maximum Thickness 4 ft  
 Minimum depth - 19.0 CRD

Beach Nourishment Area  
 Dredge Work Area

Submerged Pipeline Or Barge Haul Route



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 Phone (503) 297-6311

SHEET TITLE: DISPOSAL AREAS (BASED ON AVAILABLE CAPACITY)

PROJECT: RIVERSHORE DRIVE MARINA  
 14707 SE RIVERSHORE DR.  
 VANCOUVER, WA

RIVER/MILE: COLUMBIA RIVER, RM 114.3

DATUM: CRD

DATE:

SHEET NO.

7



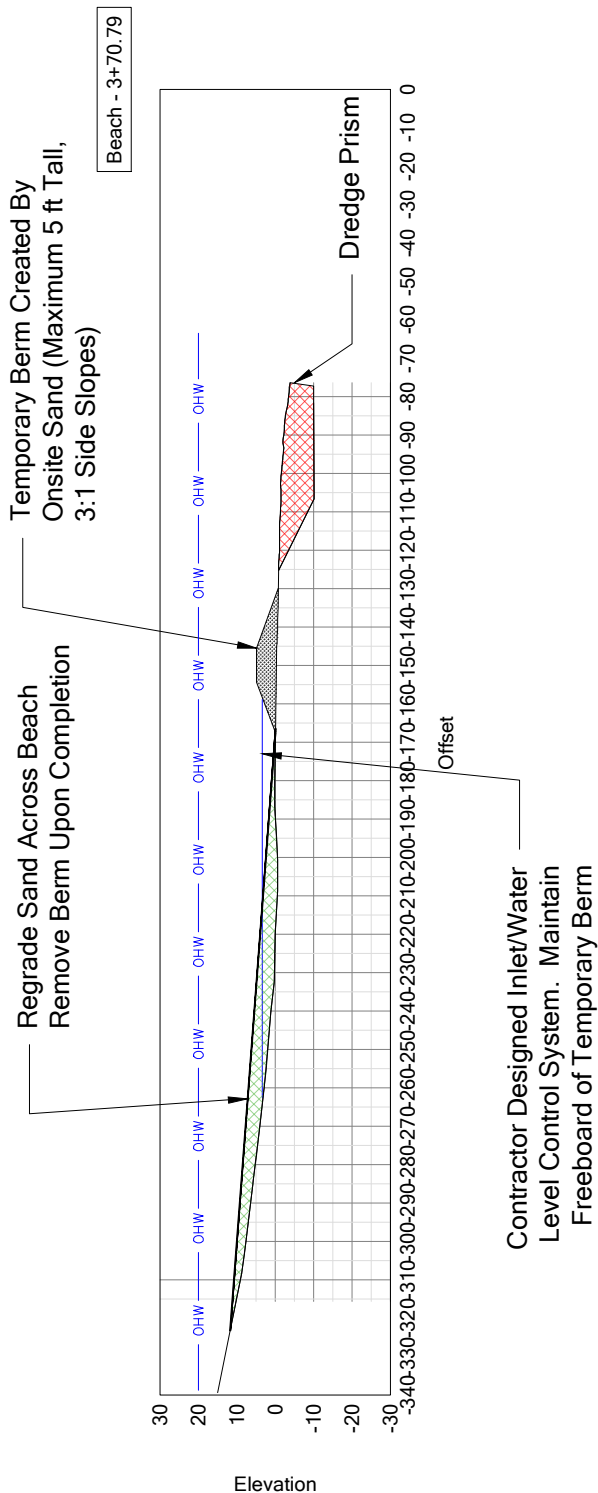
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 Flowing Solutions  
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 Portland, OR 97225  
 Phone (503) 297-6311

**SHEET TITLE:** SHORELINE BEACH NOURISHMENT  
**PROJECT:** RIVERSHORE DRIVE MARINA  
 14707 SE RIVERSHORE DR.  
 VANCOUVER, WA  
**RIVER/MILE:** COLUMBIA RIVER, RM 114.3

**DATE:**  
**SHEET NO.**  
 8  
**DATUM:** CRD

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Phone (503) 297-6311

SHEET TITLE: BEACH NOURISHMENT SECTION

PROJECT: RIVERSHORE DRIVE MARINA  
14707 SE RIVERSHORE DR.  
VANCOUVER, WA

RIVER/MILE: COLUMBIA RIVER, RM 114.3

DATUM: CRD

DATE:

SHEET NO.

9